

Manhole Inspection Summary

Manhole # S25M__023MH

Printed On: 12/16/2008

Page 1 of 5

Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **25M** Node: **023** Status: **Found**

Insp Date: **3/10/08 10:53 AM**

Incomplete Comments

Crew: **DH/PE**
Inspector: **pesparza**
Firm: **PER**

Location Address: **S.CAREY ST.**

Cross Street: **JAMES ST.**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover

Shape: **Circular**

Diameter: **32** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **6** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **9** Missing: **0** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge** Depth: **5** (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S25M__023MH

Printed On: 12/16/2008

Page 2 of 5

Location View



Top View



Additional Location View



Additional Location View



Cover View



Defect 5



EVIDENCE OF SURCHARGE ON THE STEPS

Defect 4



DETERIORATED BARREL AND BENCH

Defect 6



corbel cracks around pipe in

Defect 3



MUD FROM CHIMNEY TO THE BARREL
AND CORRODED STEPS

Defect 2



EVIDENCE OF SURCHARGE,
EVIDENCE OF INFILTRATION MUD
DESPOSITS AND CRACKED BRICK AT

Defect 1



EVIDENCE OF INFILTRATION AT THE
CHIMNEY AND FRAME OFFSET

Manhole Inspection Summary

Manhole # S25M__023MH

Printed On: 12/16/2008

Page 4 of 5

21 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **19.2** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **16.00** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

21 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **21.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **16.00** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S25M__023MH

Printed On: 12/16/2008

Page 5 of 5

8 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock

Drop In @ 9 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.93** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **Inside** Rod and Bar

Angled: **Yes** Reading: **14.04** (ft.)

Inv Depth: **15.04** (ft.)

Drop Condition: **Open**

Connects To: **Dead End**

☐ Possible Illicit Connection